

Electronic Acknowledgement Receipt

| | |
|---|--|
| EFS ID: | 2843670 |
| Application Number: | 10791911 |
| International Application Number: | |
| Confirmation Number: | 3839 |
| Title of Invention: | MRAM ARRAY EMPLOYING SPIN-FILTERING ELEMENT CONNECTED BY SPIN-HOLD ELEMENT TO MRAM CELL STRUCTURE FOR ENHANCED MAGNETORESISTANCE |
| First Named Inventor/Applicant Name: | ChiaHua Ho |
| Customer Number: | 22470 |
| Filer: | Bill Kennedy/Abby Berghella |
| Filer Authorized By: | Bill Kennedy |
| Attorney Docket Number: | MXIC 1535-1 |
| Receipt Date: | 11-FEB-2008 |
| Filing Date: | 03-MAR-2004 |
| Time Stamp: | 17:47:59 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-----------------|
| Submitted with Payment | yes |
| Payment Type | Credit Card |
| Payment was successfully received in RAM | \$100 |
| RAM confirmation Number | 3062 |
| Deposit Account | 500869 |
| Authorized User | BEFFEL,ERNEST J |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: | |
| Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) | |
| Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees) | |

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes) /Message Digest | Multi Part /zip | Pages (if appl.) |
|-----------------|---------------------------------------|-----------------------------------|---|-----------------|------------------|
| 1 | Request for Certificate of Correction | MXIC15351ReqforCertofCorr ect.PDF | 43958 b6879a36174360fe426641c229219453 22b26473 | no | 1 |

Warnings:

Information:

| | | | | | |
|---|---------------------------------------|---------------------------------------|---|----|---|
| 2 | Request for Certificate of Correction | MXIC15351CertificateofCorr ection.PDF | 39109 271cd3b655b61a923bc47d9941115249 4a8993f7 | no | 1 |
|---|---------------------------------------|---------------------------------------|---|----|---|

Warnings:

Information:

| | | | | | |
|---|------------------------|--------------|---|----|---|
| 3 | Fee Worksheet (PTO-06) | fee-info.pdf | 8231 9152be30291af9ed356a897b018bf632 2420591 | no | 2 |
|---|------------------------|--------------|---|----|---|

Warnings:

Information:

Total Files Size (in bytes): 91298

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.